

Application No.: 10/748,927
Docket No.: UC0201 US NA

Page 2

Amendments to the Claims

1. (Original) A high resistance film comprising PEDT/PSS and a cyclic ether co-solvent, having a conductivity less than about 1×10^{-5} S/cm.
2. (Original) A high resistance film according to Claim 1, having a conductivity less than about 1×10^{-6} S/cm.
3. (Original) An electroluminescent device comprising an anode, a high resistance buffer layer, an electroluminescent material, and a cathode, wherein said buffer layer comprises PEDT/PSS and a cyclic ether co-solvent and has a conductivity of less than about 1×10^{-6} S/cm.
4. (Original) An electroluminescent device according to claim 3, wherein said buffer layer has a conductivity of less than about 1×10^{-6} S/cm.
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Currently Amended) A method according to claim 5, for decreasing the conductivity of a poly(3,4-ethylenedioxythiophene)/poly(styrenesulfonate) layer cast from aqueous solution onto a substrate, said method comprising adding an effective amount of at least one cyclic ether co-solvent to said aqueous solution, wherein said cyclic ether solvent comprises 1,4-dioxane.
9. (Canceled)
10. (Canceled)
11. (Canceled)
12. (Canceled)
13. (Canceled)
14. (Canceled)
15. (Canceled)
16. (Canceled)
17. (Original) A method for reducing conductivity of a poly(3,4-ethylenedioxythiophene)/poly(styrenesulfonate) layer cast from aqueous solution onto a substrate to a value less than about 1×10^{-5} S/cm, said method comprising adding in the range of about 0.5 wt% up to about 2.5 wt% 1,4-dioxane to said aqueous solution.
18. (Canceled)
19. (Canceled)
20. (Canceled)
21. (Canceled)